

curriculum vitae

Roberto Cantillan Carrasco

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Education

Pontificia Universidad Católica <i>Doctoral student in Sociology</i>	Chile 2022 – present
Universidad de Santiago <i>Master in Social Sciences, mention in civil society studies</i>	Chile 2015 – 2018
Universidad Diego Portales <i>Sociology</i>	Chile 2007 – 2012

Diplomas, courses and internships

Complexity Global School for Emerging Political Economies <i>Santa Fe Institute</i>	Colombia 2025
BEHAVE Summer School on Agent-Based Modelling <i>University of Brescia</i>	Italy 2024
SICSS Summer Institutes of Computational Social Science <i>Universidad Católica de Chile</i>	Chile 2023
Diploma in Multivariate Analysis <i>Universidad de Chile</i>	Chile 2019
Research internship <i>Università degli Studi di Trento</i>	Italy 2019
Diploma in University Teaching (UNIE) <i>Universidad de Santiago de Chile</i>	Chile 2016
Summer School in Mixed Methods <i>Universidad Católica de Chile</i>	Chile 2015

Awards and honours

Conference Travel Award ISA <i>International Sociological Associations (ISA)</i>	2021
Master scholarship <i>Centre for Social Conflict and Cohesion Studies (COES)</i>	2018 – 2019
Best Master's Thesis in Social Sciences <i>Universidad de Santiago IDEA</i>	2019
Competition for internships in foreign universities <i>Universidad de Santiago IDEA</i>	2018

Professional experience

Centro de Estudios Interculturales e Indígenas CIIR <i>R, RStudio, Git</i> part-time	2023 – 10/2024
<ul style="list-style-type: none">• Survey technical assistant ELRI• Project data repository development• Assistance in the construction and evaluation of survey items• Statistical, descriptive and inferential analysis of the data produced	

Analyst <i>Universidad de las Américas (Community Intervention Program)</i>	2020 – 2022 <i>Remote, part-time</i>
<ul style="list-style-type: none"> • Project data repository development • Assistance in the construction and evaluation of survey items • Statistical, descriptive and inferential analysis of the data produced 	
Research assistant <i>Universidad Diego Portales CICLOS</i>	2020 <i>Remote, part-time</i>
<ul style="list-style-type: none"> • Assistance in inferential statistical analysis in different projects 	
Research assistant <i>Centro de Investigación Avanzada en Educación CIAE</i>	2019 – 2020 <i>Santiago, Chile</i>
<ul style="list-style-type: none"> • Assistant in field execution • Production of qualitative data • Qualitative data analysis 	
Analyst <i>Universidad de Santiago</i>	2017 – 2019 <i>Santiago, Chile</i>
<ul style="list-style-type: none"> • Qualitative and quantitative research assistant 	
Assistant <i>Fundación Casa de la Paz</i>	2016 – 2017 <i>Santiago, Chile</i>
<ul style="list-style-type: none"> • Assistant in field execution and in the analysis of qualitative and quantitative information 	
Technical assistant <i>netquest</i>	2015 – 2015 <i>Santiago, Chile</i>
<ul style="list-style-type: none"> • Assistant in field development in online panel surveys • Customer service and demand resolution 	

Academic research assistant

Millennium Nucleus for the Study of Labor Market Mismatch LM^2C^2 <i>Thesis student</i>	Chile 2023 – present
<ul style="list-style-type: none"> • webpage 	
New York University <i>Research assistant</i>	Abu Dhabi 2023 – present
<ul style="list-style-type: none"> • "Names diffusion and social class" • Principal Investigator: Mario Molina 	
Universidad Católica del Maule <i>Assistant in FONDECYT project N° 12200560</i>	Chile 2022 – 11/2024
<ul style="list-style-type: none"> • "Sustainability Sciences in Latin America: Social network analysis" • webpage • Principal Investigator: Julien Vanhulst 	
Universidad de Los Lagos - U de Chile/COES <i>Assistant in FONDECYT project N° 1190436</i>	Chile 2021 – 2022
<ul style="list-style-type: none"> • "One's position in society: the just and the unjust in the social mirror" • Principal Investigator: Óscar Mac-Clure 	
Centre for Social Conflict and Cohesion Studies COES <i>Assistant in MINICOES project</i>	Chile 2021 – 2022

- "Patterns of homophily and heterophily in personal networks in longitudinal perspective: Analysis with ELSOC data 2016-2019"
- Principal Investigator: Vicente Espinoza

Universidad de Santiago

Chile

Assistant in FONDECYT project N°1171426

2019 – 2022

- "The structure of sociability in Chile and its consequences for our coexistence. Longitudinal analysis of social networks."
- Principal Investigator: Vicente Espinoza

Universidad de Chile

Chile

Thesis student in FONDECYT project N°1160984

2017 – 2019

- "Informal institutions in the midst of political changes and their impact on Chilean democracy"
- Principal Investigator: Emmanuelle Barozet

Universidad Católica

Chile

Thesis student in FONDECYT project N°1130897

2015 – 2016

- "Web In Movement: The Students Movement In Chile And The Use Of The Internet"
- Principal Investigator: Marisa Von Bulow

Research projects

Social Network Analysis Laboratory (redesLab) | R, RStudio, HTML

2020 – present

- Write and systematize codes for the execution of statistical analysis
- Configuration and maintenance of the web page and git repository of the project
- Writing academic articles

Teaching activities

Universidad Católica del Maule

Chile

Professor, School of Sociology

2024

- Introduction to Computational Social Sciences and Data Science with R

Pontificia Universidad Católica

Chile

Teaching assistant, School of Sociology

2023-2025

- Categorical Data Analysis (Master and Doctoral Program)
- Course director: Mauricio Bucca

Pontificia Universidad Católica

Chile

Teaching assistant, School of Sociology

2023-2024

- Diploma in advanced database processing in R
- Course director: Mauricio Bucca

Universidad de Santiago

Chile

Professor, School of Psychology

2020

- Thesis seminar I
- Thesis seminar II

Universidad de Santiago

Chile

Teaching assistant, School of Psychology

2014 – 2019

- Design and evaluation of social projects

- Contemporary social psychology
- Qualitative methods I and II

Universidad de Humanismo Cristiano

Teaching assistant, School of Psychology

- Thesis seminar I

Chile

2015

Technical advice and consultancy

FONDECYT project 1170324

Universidad Diego Portales

- Principal Investigator: Teresa Correa Ph.D.
- Advice on statistical analysis of panel data

Chile

2020

FONDECYT project 1190540

Universidad Diego Portales

- Principal Investigator: Andrés Scherman Ph.D.
- Assistance in statistical analysis of experimental data

Chile

2021

FONDECYT project 11180916

Universidad Diego Portales

- Principal Investigator: Macarena Peña Y Lillo Ph.D.
- Advice on statistical analysis of latent variables

Chile

2021

Accreditation process Master in Social Sciences

Universidad de Santiago IDEA

- Information systematization
- Coordination of evaluation meetings

Chile

2015

Training process and SIMCE application

Universidad Técnica Federico Santa María

- Application coordinator
- Rapporteur training

Chile

2013

Articles in preparation

- Cantillan, R., & Bucca, M. (manuscript in preparation). *Structurally conditioned diffusion: How asymmetric trajectory channeling reproduces skills-based stratification.*
- Bucca, M., Cantillan, R., Molina, M., Pesando, L. (manuscript in preparation) *Trickle-Down Names: How Social Class Shapes Naming Patterns*
- Cantillan, R., Torres, G., & Bucca, M. (manuscript in preparation). *Who Legitimizes Skills? Asymmetric Diffusion Across Educational Institutions.*
- Cantillan, R., Ahumada, G., & Espinoza, V. (manuscript in preparation). *Multiple membership configurations and trust formation: Structural precarity in highly unequal societies.*
- Ramond, Q. & Cantillan, R (manuscript in preparation) *Neighborhood peer effects in school choice.*

Papers

- Ahumada, G., Cantillan, R., & Jara, B. (2024). Social capital and individual well-being in the post-disaster period: The case of Hurricane Maria in Puerto Rico. *International Journal of Disaster Risk Reduction*, 103, 104308.
<https://doi.org/10.1016/j.ijdr.2024.104308>
- Garreton, M., Espinoza, V., & Cantillan, R. (2021). Social capital in the urban context: Diversity and social contacts in Chilean cities. *Journal of Urban Affairs*, 0(0), 1–20.
<https://doi.org/10.1080/07352166.2021.1974302>
- Plaza, A., Cantillan, R., Beck, G., & Espinoza, V. (2022). Together, but not mixed: Homophily in Mapuche and non-Mapuche intergroup relations. *Revista de Sociología*, 37(1). <https://doi.org/10.5354/0719-529X.2022.68147>
- Cantillan, R., & Herrera, J. (2020). Actor and block centrality in mobilization organizational networks in the conflict over the Communal Regulatory Plan of Peñalolén in 2011. *Revista EURE - Revista de Estudios Urbano Regionales*, 46(138).
<http://www.eure.cl/index.php/eure/article/view/3035>

Book chapters

- Plaza Reveco, A., Cantillan Carrasco, R., & Muñoz Rojas, B. (2023). Multilevel analysis for the study of egocentric networks: Applications in the study of homophily in Chile. In "Social Networks: Theory, methods and applications in Latin America" (pp. 183–202). *Centro de Investigaciones Sociológicas (CIS)*. [View](#)

Presentations

- 2025 "Asymmetric Trajectory Channeling in Labor Markets". [IC2S2](#), Norrköping, Sweden and [INAS](#), Columbia NYC. [Details](#)
- 2022 "The structural bases of cohesion in the Chilean associative field". SUNBELT Conference, Cairns, Australia, July. With Vicente Espinoza and Alejandro Plaza
- 2021 "The Structural Bases of Cohesion and Civil Society: An approach based on voluntary associations and multiple memberships". VIII COES INTERNATIONAL CONFERENCE: Social Cohesion in Turbulent Times. with Vicente Espinoza and Alejandro Plaza
- 2021 "Cohesion and fragmentation in the Chilean associative field". International Seminar [Cohesive Societies](#) of the German Akademie Für Soziologie. with Vicente Espinoza and Alejandro Plaza.
- 2021 "Participation In Voluntary Associations and Acquisition of Social Capital at Individual Level. Evidence From A Neoliberal Context" [link](#), "Associativity and Generalized Trust In Chile: a longitudinal analysis" [link](#). "Trust and diversity as an outcome of associative behavior patterns in Chile. [link](#) with Vicente Espinoza, Herman Aros, Alejandro Plaza and Guillermo Beck. IV ISA Forum of Sociology. International Sociological Association 2021
- 2020 "The analytical potential of the position generator to analyze the structure of occupations and their changes over time". Seminar Social Change in Chile: A longitudinal perspective. COES Center.

- 2020 "Patterns of associative behavior in Chile (2016-2018): Analysis of latent states and transitions" ELSOC-COES data wave 1 and 3. With José Herrera. Seminar Social Change in Chile: A longitudinal perspective. COES Center.
- 2019 "Social capital and popular power in the pobladores movement in Santiago de Chile: network analysis of the conflict over the communal regulatory plan in Peñalolén 2009-2011", and "Associativity and generalized trust in Chile". with Vicente Espinoza and José Herrera. Rlars Conference, Universidad del Cuyo, Mendoza.
- 2019 "Social capital and popular power in the pobladores movement: network analysis of the 2011 contention in Peñalolén" Human development for all: social sciences in dialogue form inclusive society. Universidad Católica de Chile, COES, Social One, and Psychology E. 2019 International conference (residential modality).
- 2019 "Political subjectification in the UKAMAU Pobladores Movement" and "Social capital and dynamics of popular power construction in the pobladores movement in Chile. Network analysis of the 2011 contention in Peñalolén". DEMOSAL Conference. Santiago de Chile.
- 2018 "Exploring social capital and political power concentration dynamics in the pobladores movement in Chile", Roberto Cantillan and José Herrera. COES conference "Concentrations". COES Center.
- 2018 "Social capital and popular power construction in the pobladores movement: network analysis of the 2011 contention in Peñalolén" Chilean Sociology Congress. Universidad Arturo Prat de Iquique.
- 2015 "Structural analysis proposal: Peñalolén against the regulatory plan" COES conference "Urban and territorial conflicts: challenging social cohesion?". COES Center.

Skills

Programming languages: R, Python, HTML/CSS
Text processor: Latex, Markdown, Quarto.
Languages: Spanish (native), English B1
Developer tools: Jupyter Notebooks, Git
Blog: [Personal](#),

References

Mauricio Bucca Ph.D. <i>mebucca@uc.cl</i>	Pontificia Universidad Católica de Chile
Vicente Espinoza Ph.D. <i>profespinoza2010@gmail.com</i>	redesLab - COES
Matías Bargsted Ph.D. <i>mbargsted@uc.cl</i>	Pontificia Universidad Católica de Chile - COES
Marisa Von Bulow Ph.D. <i>marisavonbulow@gmail.com</i>	Universidad de Brasilia
Mario Diani Ph.D. <i>mario.diani@gmail.com</i>	Universidad de Trento